

In cooperation with

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Biotechnology Varieties

Featured Statistics:

Cotton: Biotechnology Varieties . . .	2
Soybeans: Biotechnology Varieties .	2
Rice Stocks	3
Commercial Red Meat Production . .	3
Wheat Average Yields	4
Young Chickens Slaughtered	5
Price Projections	6
Yield Projections	6
Catfish Losses	7
Chicken Hatcheries	8

Randomly selected farmers across the United States were asked about their planting intentions during the upcoming growing season. Questions include whether or not farmers intend to plant soybean or upland cotton seed that, through biotechnology, is resistant to herbicides, insects, or both. A summary of these findings is included in the tables on page 2. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). These Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties only include those containing biotech traits for both herbicide and insect resistance. The acreage estimates are subject to sampling variability because all operations planting biotech varieties are not included in the sample.

Mississippi Rice County Estimates, 2002-2003

County	Planted		Harvested		Yield Per Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	Acres				Pounds		Cwt.	
Bolivar	79,500	75,400	79,100	75,200	6,483	6,789	5,128,000	5,105,000
Coahoma	19,500	11,500	19,400	11,200	6,407	6,634	1,243,000	743,000
Quitman	13,200	9,100	12,900	8,900	5,953	6,685	768,000	595,000
Tallahatchie	15,700	16,400	14,900	16,300	5,826	6,485	868,000	1,057,000
Tunica	20,100	23,000	20,100	23,000	6,318	6,596	1,270,000	1,517,000
District 10	148,000	135,400	146,400	134,600	6,337	6,699	9,277,000	9,017,000
District 20	5,300	¹	5,300	¹	6,208	¹	329,000	¹
Humphreys	3,500	4,000	3,500	4,000	6,371	6,500	223,000	260,000
Leflore	20,800	18,200	20,700	18,200	6,425	6,835	1,330,000	1,244,000
Sharkey	5,000	3,800	5,000	3,800	7,120	7,290	356,000	277,000
Sunflower	37,300	33,100	37,100	33,000	6,261	6,694	2,323,000	2,209,000
Washington	30,000	28,800	29,900	28,700	6,739	7,387	2,015,000	2,120,000
Other Counties	3,600	4,300	3,600	4,300	6,750	6,581	243,000	283,000
District 40	100,200	92,200	99,800	92,000	6,503	6,949	6,490,000	6,393,000
Other Districts	1,500	7,400	1,500	7,400	6,400	6,784	96,000	502,000
State Total	255,000	235,000	253,000	234,000	6,400	6,800	16,192,000	15,912,000

¹ Included in Other Districts.

**Upland Cotton: Biotechnology Varieties by State and
United States, Percent of Upland Cotton Planted, 2003-2004**

State	Insect Resistant (Bt)		Herbicide Resistant	
	2003	2004	2003	2004
	Percent			
Arkansas	24	32	25	26
California	9	5	27	36
Georgia	14	13	32	19
Louisiana	30	41	15	5
Mississippi	15	13	16	13
North Carolina	16	14	29	29
Texas	8	18	39	34
Other States ¹	18	17	32	28
United States	14	18	32	28
	Stacked Gene Varieties		All Biotech Varieties	
	2003	2004	2003	2004
	Percent			
Arkansas	46	37	95	95
California	3	3	39	44
Georgia	47	61	93	93
Louisiana	46	46	91	92
Mississippi	61	69	92	95
North Carolina	48	49	93	92
Texas	6	6	53	58
Other States ¹	38	44	88	89
United States	27	30	73	76

¹ Other States includes all other states in the Upland Cotton estimating program.

**Soybeans: Biotechnology Varieties by State and
United States, Percent of All Soybeans Planted, 2003-2004**

State	Herbicide Resistant Only		All Biotech Varieties	
	2003	2004	2003	2004
	Percent			
Arkansas	84	92	84	92
Illinois	77	82	77	82
Indiana	88	88	88	88
Iowa	84	89	84	89
Kansas	87	91	87	91
Michigan	73	75	73	75
Minnesota	79	83	79	83
Mississippi	89	94	89	94
Missouri	83	88	83	88
Nebraska	86	89	86	89
North Dakota	74	81	74	81
Ohio	74	77	74	77
South Dakota	91	96	91	96
Wisconsin	84	85	84	85
Other States	76	82	76	82
United States	81	86	81	86

¹ Other States includes all other states in the Soybean estimating program.

Rice Stocks: By Position, State and United States, March 1, 2004

State	On Farms or Farm Warehouses	In Mills and Attached Warehouses	In Warehouses not Attached to Mills	In Ports in Transit	Total All Positions
Rough Rice - 1,000 Cwt.					
Arkansas	10,200	7,585	27,000	0	44,785
California	1,525	*	18,323	*	22,014
Louisiana	2,300	*	3,197	*	8,307
Mississippi	2,500	*	*	*	5,243
Missouri	*	*	*	0	*
Texas	*	*	2,215	0	*
Unallocated	1,800	6,170	4,415	610	7,491
United States	18,325	13,755	55,150	610	87,840
Milled Rice - 1,000 Cwt.					
Arkansas		1,253	146	159	1,558
California		2,238	0	903	3,141
Louisiana		288	0	509	797
Mississippi		*	0	*	*
Missouri		*	0	*	*
Texas		608	0	0	608
Unallocated		143	0	86	229
United States		4,530	146	1,657	6,333

* Included in unallocated to avoid disclosing individual operations.

Commercial Red Meat Production: by Selected States and United States
January 2004 with Comparisons ¹

State	February 2003	January 2004	February 2004	February 2004 as Percent of ²	
				February 2003	January 2004
Million Pounds			Percent		
Alabama	3.5	3.3	3.0	87	90
Arkansas	3.9	4.9	5.4	137	111
Georgia	19.2	13.0	11.3	59	86
Kentucky	33.2	46.4 *	40.3	122	87
Louisiana	1.4	1.2	1.3	89	109
Mississippi	21.7	26.8	23.5	109	88
Missouri	33.0	36.0 *	32.4	98	90
Oklahoma	73.0	84.5 *	83.1	114	98
South Carolina	18.6	20.1	19.3	104	96
Tennessee	16.2	20.2 *	19.7	121	97
Texas	334.8	367.5	341.3	102	93
United States	3,496.1	3,714.0 *	3,403.4	97	92

* Revised.

¹ Includes total beef, veal, pork, lamb, and mutton.

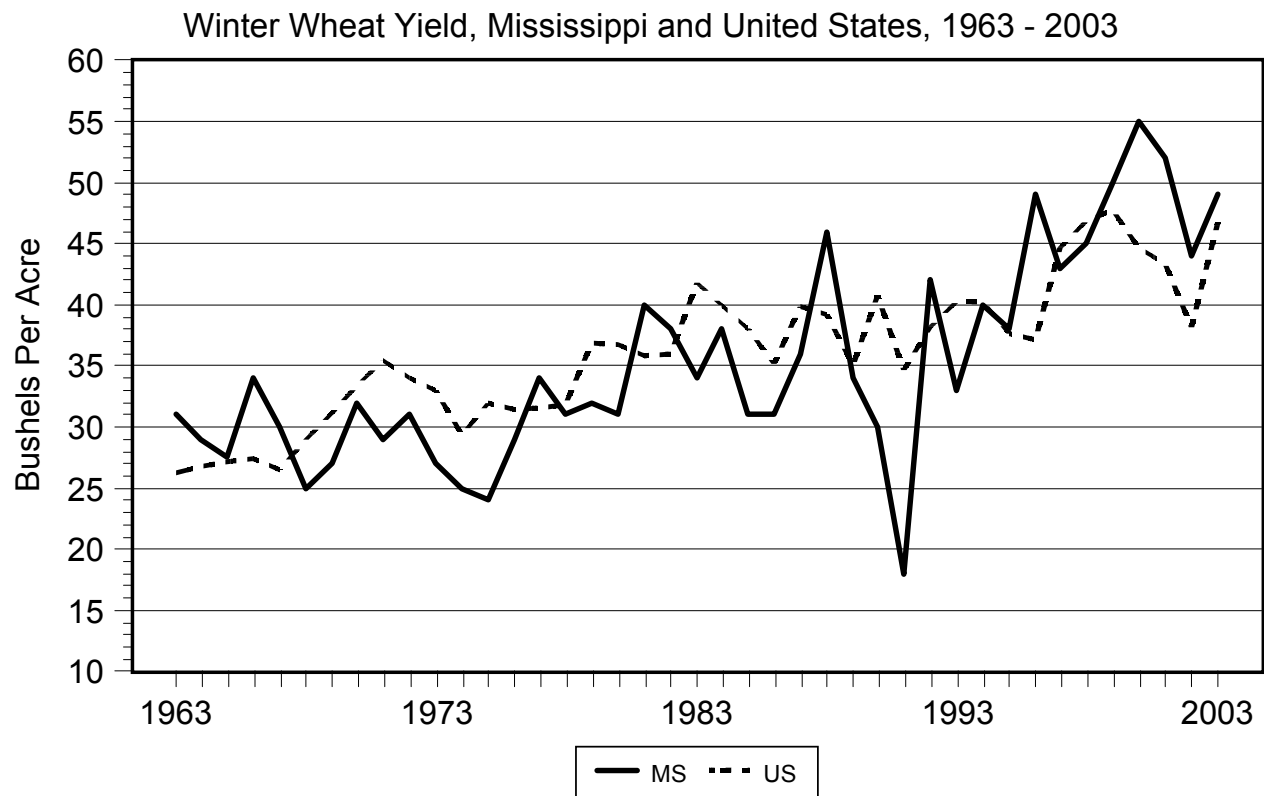
² Percentages based on unrounded data.

Mississippi Wheat Average Yields, 1999-2003

County	Number of Years	Average Yield
Bolivar	5	53.5
Coahoma	5	51.7
Quitman	4	52.4
Tallahatchie	5	51.5
Tunica	4	50.8
District 10	5	52.4
DeSoto	5	51.6
Marshall	4	46.3
Panola	5	49.7
Tate	5	48.2
District 20	5	49.5
District 30	5	42.4
Humphreys	5	50.6
Issaquena	5	50.4
Leflore	5	52.1
Sharkey	5	52.2
Sunflower	5	49.7
Washington	5	52.3
Yazoo	5	49.6
District 40	5	50.9

County	Number of Years	Average Yield
District 50	5	45.2
Chickasaw	4	43.0
Lowndes	5	43.6
Noxubee	4	47.1
District 60	5	44.7
Claiborne	3	43.8
Warren	1	47.8
District 70	5	45.8
District 80	5	46.1
District 90	5	41.4
State Average	5	50.3

The Agency did not publish a yield for every county each year. Whenever publication of county yields would reveal individual data, publication was suspended.



**Young Chickens Slaughtered: Number, Live Weight, and Average Live Weight,
Selected States and United States, January - February 2004**

State	Number Slaughtered		Live Weight		Average Live Weight	
	January	February	January	February	January	February
	1,000 Head		1,000 Pounds		Pounds	
Alabama	87,715	78,773	457,659	403,971	5.22	513
Arkansas	103,424	92,995	527,714	456,879	5.10	4.91
Georgia	104,155	96,228	531,300	460,223	5.10	4.78
Kentucky	18,181	18,522	103,540	96,923	5.69	5.23
Louisiana	12,678	11,993	67,643	66,924	5.34	5.58
Mississippi	63,565	58,134	345,169	314,157	5.43	5.40
Missouri	33,125	31,366	152,706	135,158	4.61	4.31
North Carolina	56,177	49,676	355,914	302,802	6.34	6.10
South Carolina	19,216	18,796	113,209	104,220	5.89	5.54
Tennessee	18,950	17,534	99,237	88,349	5.24	5.04
Texas	54,036	46,471	268,811	236,000	4.97	5.08
Virginia	28,848	25,331	145,156	123,916	5.03	4.89
United States	722,586	653,546	3,829,971	3,351,321	5.30	5.13

¹ Average weight based on unrounded data.

**Young Chickens Slaughtered: Pounds Certified and
Post-Mortem Condemnations, January - February 2004**

State	Total Chilled and Frozen Pounds Certified ¹		Post-Mortem Condemnations			
			N. Y. Dressed Weight		Percent ²	
	January	February	January	February	January	February
	1,000 Pounds		1,000 Pounds		Percent	
Alabama	336,105	296,343	3,879	4,463	0.94	1.23
Arkansas	374,802	334,211	4,164	4,671	0.88	1.14
Georgia	376,554	336,534	3,459	4,539	0.72	1.10
Kentucky	75,145	70,998	710	781	0.76	0.90
Louisiana	52,595	47,710	287	330	0.47	0.55
Mississippi	261,035	209,827	2,444	2,912	0.79	1.03
Missouri	112,705	99,619	1,243	1,393	0.90	1.14
North Carolina	278,236	229,012	4,040	4,274	1.26	1.57
South Carolina	82,136	83,701	608	725	0.60	0.77
Tennessee	72,206	63,530	874	948	0.98	1.19
Texas	219,474	181,100	2,170	3,485	0.90	1.64
Virginia	104,862	91,625	1,203	4,565	0.92	4.09
United States	2,825,234	2,450,990	32,146	39,739	0.93	1.32

¹ Ready-to-cook weights.

² Pounds condemned as percent of equivalent N.Y. dressed weight of quantity inspected.

Price Baseline Projections, Selected Crops, United States, 2004-2014

Crop	Unit	2004/05	2005/06	2006/07	2007/08	2008/09
Dollars						
Corn	bu	2.15	2.20	2.25	2.30	2.30
Sorghum	bu	2.05	2.05	2.10	2.10	2.10
Wheat	bu	2.85	2.75	2.70	2.70	2.75
Rice	cwt	5.85	5.47	5.72	5.95	6.15
Soybeans	bu	5.60	5.45	5.45	5.50	5.60
Soybean Oil	lb	0.230	0.228	0.230	0.235	0.235
Soybean Meal	ton	188.5	177.5	176.0	176.5	180.0
Crop	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
Dollars						
Corn	bu	2.30	2.35	2.35	2.30	2.35
Sorghum	bu	2.10	2.10	2.10	2.05	2.10
Wheat	bu	2.80	2.85	2.90	2.95	3.00
Rice	cwt	6.35	6.53	6.77	6.97	7.22
Soybeans	bu	5.55	5.65	5.65	5.60	5.70
Soybean Oil	lb	0.233	0.230	0.230	0.233	0.235
Soybean Meal	ton	179.0	183.0	182.0	178.0	180.0

Source: Economic Research Service.

Yield Baseline Projections, Selected Crops, United States, 2004-2014

Crop	Unit	2004/05	2005/06	2006/07	2007/08	2008/09
Yield Per Acre						
Corn	bu	142.3	144.1	145.9	147.7	149.5
Sorghum	bu	66.8	67.2	67.7	68.1	68.6
Wheat	bu	41.7	42.1	42.4	42.8	43.1
Rice	lb	6,720	6,792	6,858	6,913	6,965
Upland Cotton	lb	650	652	654	656	658
Soybeans	bu	40.1	40.5	40.9	41.3	41.7
Crop	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
Yield Per Acre						
Corn	bu	151.3	153.1	154.9	156.7	158.5
Sorghum	bu	69.0	69.5	69.9	70.4	70.8
Wheat	bu	43.5	43.8	44.2	44.5	44.9
Rice	lb	7,017	7,070	7,123	7,176	7,229
Upland Cotton	lb	660	662	664	666	668
Soybeans	bu	42.1	42.5	42.9	43.3	43.7

Source: Economic Research Service.

Catfish Losses to Wildlife, by State and Region, 2003

State and Region	No. of Operations Jan. 1 2004 ¹	Water Surface Acres During Jan1-Jan 30, 2004 ¹	Total Sales ¹ 2003	Percentage With Wildlife- Caused Loss 2003	Avg. Cost of Wildlife- Caused Loss 2003 ²	Average Expense to Prevent Loss 2003 ³
	Number	Acres	\$1,000	Percent	Dollars	
Alabama	200	25,400	85,159	74	9,800	5,400
Arkansas	161	34,000	59,047	79	22,400	14,300
Mississippi	410	101,000	243,176	69	19,600	8,800
South East ⁴	193	4,250	10,200	56	5,800	1,700
West ⁵	69	3,490	9,488	70	19,000	17,700
South West ⁶	84	9,650	17,855	60	26,500	11,000
Average per Farm	NA	NA	NA	69	17,200	9,200
Total	1,117	177,790	424,925	NA	13,300,000	7,100,000

¹ Source: USDA, NASS, Catfish Production, February 5, 2004.

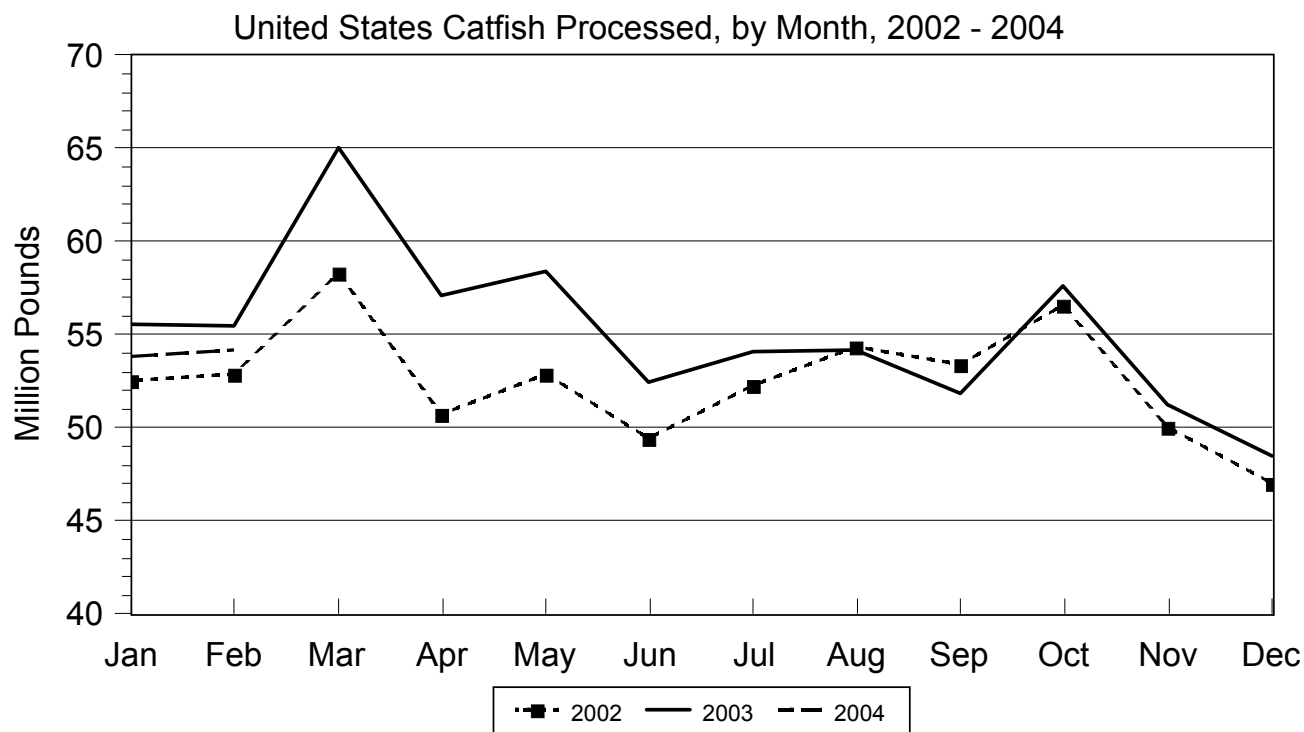
² Average of operations reporting wildlife caused losses. May not calculate due to rounding procedures and non-response calculations.

³ Average of those operations reporting expenses to prevent wildlife caused losses. May not calculate due to rounding and non-response calculations.

⁴ Includes FL, GA, KY, NC, and SC.

⁵ Includes, CA, IL, and MO.

⁶ Includes LA and TX.



Chicken Hatcheries: Number and Incubator Egg Capacity
by Region and United States, January 1, 2003 and 2004 ¹

Geographic Region	Hatcheries		Incubator Egg Capacity	
	2003	2004	2003	2004
	Number		1,000	
North Atlantic	24	25	26,256	23,025
East North Central	24	26	24,615	22,320
West North Central	35	33	52,419	51,522
South Atlantic	93	90	301,274	293,982
South Central	116	117	417,114	393,986
West	25	25	39,438	44,607
United States	317	316	861,116	829,442

¹ Hatchery capacity is defined as the number of eggs the machines can hold in a controlled environment favorable for hatching. All setter, hatcher, and inactive capacities are included.